



POTENTIAL HAZARDOUS WASTE SITE
IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION II SITE NUMBER (to be assigned by HQ)
NJ 0000 100 72

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II (Preliminary Assessment). File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME TENNECO CHEMICALS		B. STREET (or other identifier) 290 River Road	
C. CITY Garfield	D. STATE NJ	E. ZIP CODE 07076	F. COUNTY NAME Bergen
G. OWNER/OPERATOR (if known) 1. NAME Tenneco Chemicals: Gus Dege, Tech. Supt.		2. TELEPHONE NUMBER (201) 646-3957	
H. TYPE OF OWNERSHIP <input type="checkbox"/> 1. FEDERAL <input type="checkbox"/> 2. STATE <input type="checkbox"/> 3. COUNTY <input type="checkbox"/> 4. MUNICIPAL <input checked="" type="checkbox"/> 5. PRIVATE <input type="checkbox"/> 6. UNKNOWN			
I. SITE DESCRIPTION Aging facility; slowly being shut down unit by unit. Chemical manufacturing plant for Salicylic Acids, Fumaric Acid, Formaldehyde, and Benzoic Acids products.			
J. HOW IDENTIFIED (i.e., citizen's complaints, OSHA citations, etc.) State Survey, Eckhardt Report			K. DATE IDENTIFIED (mo., day, & yr.)
L. PRINCIPAL STATE CONTACT 1. NAME		2. TELEPHONE NUMBER	

II. PRELIMINARY ASSESSMENT (complete this section last)

A. APPARENT SERIOUSNESS OF PROBLEM <input type="checkbox"/> 1. HIGH <input type="checkbox"/> 2. MEDIUM <input type="checkbox"/> 3. LOW <input checked="" type="checkbox"/> 4. NONE <input type="checkbox"/> 5. UNKNOWN		
B. RECOMMENDATION <input type="checkbox"/> 1. NO ACTION NEEDED (no hazard) <input type="checkbox"/> 2. IMMEDIATE SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED FOR: b. WILL BE PERFORMED BY: <input checked="" type="checkbox"/> 3. SITE INSPECTION NEEDED (low priority) a. TENTATIVELY SCHEDULED FOR: b. WILL BE PERFORMED BY: Housekeeping in some areas needs work. Change in Passaic Valley Sewer Authority Permit may change waste disposal.		
C. PREPARER INFORMATION 1. NAME James A. Rogers III	2. TELEPHONE NUMBER (201) 621-6800	3. DATE (mo., day, & yr.) 4/22/81

III. SITE INFORMATION

A. SITE STATUS <input type="checkbox"/> 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.) <input type="checkbox"/> 2. INACTIVE (Those sites which no longer receive wastes.) <input checked="" type="checkbox"/> 3. OTHER (specify): No disposal on site (Those sites that include such incidents like "midnight dumping" with no regular or continuing use of the site for waste disposal has occur		
B. IS GENERATOR ON SITE? <input type="checkbox"/> 1. NO <input checked="" type="checkbox"/> 2. YES (specify generator's four-digit SIC Code): 2869		
C. AREA OF SITE (in acres) 8 acres	D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES 1. LATITUDE (deg.-min.-sec.) 2. LONGITUDE (deg.-min.-sec.)	
E. ARE THERE BUILDINGS ON THE SITE? <input type="checkbox"/> 1. NO <input checked="" type="checkbox"/> 2. YES (specify): Manufacturing, Reagent & Product Storage, Boile		



IV. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

X	A. TRANSPORTER	X	B. STORER	X	C. TREATER	X	D. DISPOSER
	1. RAIL		1. PILE		1. FILTRATION		1. LANDFILL
	2. SHIP		2. SURFACE IMPOUNDMENT	X	2. INCINERATION		2. LANDFARM
	3. BARGE		3. DRUMS		3. VOLUME REDUCTION		3. OPEN DUMP
	4. TRUCK		4. TANK, ABOVE GROUND		4. RECYCLING/RECOVERY		4. SURFACE IMPOUNDMENT
	5. PIPELINE		5. TANK, BELOW GROUND		5. CHEM./PHYS. TREATMENT		5. MIDNIGHT DUMPING
	6. OTHER (specify):		6. OTHER (specify):		6. BIOLOGICAL TREATMENT	X	6. INCINERATION
					7. WASTE OIL REPROCESSING		7. UNDERGROUND INJECTION
					8. SOLVENT RECOVERY	X	8. OTHER (specify):
				X	9. OTHER (specify): permitted heat recovery from organic by products on a long term basis		Wastes shipped out under manifest

E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED Roughly one drum per week of salicylate tars is produced. Drummed wastes are manifested & picked up by licensed hauler every quarter. Tars solidify immediately upon cooling to impermeable, glassy solid. Waste Benzoic tars have been used to fire boilers for many years w/RCRA exemption. Liquid at normal temperatures. Granulated activated Carbon (GAC) permeated w/Sodium Benzoate is disposed in Bergen County Landfill.

V. WASTE RELATED INFORMATION

A. WASTE TYPE

☐ 1. UNKNOWN ☒ 2. LIQUID ☒ 3. SOLID ☐ 4. SLUDGE ☐ 5. GAS

B. WASTE CHARACTERISTICS

☐ 1. UNKNOWN ☐ 2. CORROSIVE ☒ 3. IGNITABLE ☐ 4. RADIOACTIVE ☐ 5. HIGHLY VOLATILE
☐ 6. TOXIC ☐ 7. REACTIVE ☐ 8. INERT ☐ 9. FLAMMABLE

☒ 10. OTHER (specify): In liquid state, prior to drumming salicylate tars are fragrant, like "Ben Gay"

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below. Production Records
 Yes, Fumaric and Salicylic Acids produced

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT
	30-40,000		55 gallons		
UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE
	gallon/month		55 gallons/week		
X (1) PAINT, PIGMENTS	X (1) OILY WASTES	X (1) HALOGENATED SOLVENTS	X (1) SALICYLIC ACID TARS	X (1) FLYASH	X (1) LABORATORY PHARMACEUT.
(2) METALS SLUDGES	(2) OTHER (specify): Benzoic Acid still bottoms liquid Incinerated for heat value	(2) NON-HALOGENATED SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL
(3) POTW		(3) OTHER (specify):	(3) CAUSTICS	(3) MILLING/ MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGE			(4) PESTICIDES	(4) FERROUS SMLTG. WASTES	(4) MUNICIPAL
(5) OTHER (specify):			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER (specify):
			(6) CYANIDE	(6) OTHER (specify):	
			(7) PHENOLS		
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		
			(11) OTHER (specify): Organics		

V. WASTE RELATED INFORMATION (continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

1) Benzoic Tars-Spills of this viscous oil enter the discharge for the sewage treatment plant. If BOD & this level are too high, the plant may have to vacuum pump these tars. Improved housekeeping should remedy the spills. Benzoic tars have 70% of the monetary worth and 80% of the energy value of No.6 Bunker oil.

2) Aqueous wastes - All go currently to PVSA Plant.

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

This is a very old site (1900) & is slowly being phased out. No wastes are disposed on site. Housekeeping at Benzoic tar pumping locations & benzaldehyde retort columns should be improved. Eckhardt Report grossly incorrect. Not much waste produced.

VI. HAZARD DESCRIPTION

A. TYPE OF HAZARD	B. POTENTIAL HAZARD (mark 'X')	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo., day, yr.)	E. REMARKS
1. NO HAZARD	X			
2. HUMAN HEALTH				
3. NON-WORKER INJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION OF WATER SUPPLY				
6. CONTAMINATION OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER				
8. CONTAMINATION OF SURFACE WATER				
9. DAMAGE TO FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION OF AIR				
12. NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL				
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS		X	intermittant	Housekeeping needs to be improved
17. SEWER, STORM DRAIN PROBLEMS		X		Changes by PVSA may require different disposal protocols
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				
21. MIDNIGHT DUMPING				
22. OTHER (specify):				

VII. PERMIT INFORMATION

A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.

- ☒ 1. NPDES PERMIT ☒ 2. SPCC PLAN ☐ 3. STATE PERMIT (specify):
☒ 4. AIR PERMITS ☒ 5. LOCAL PERMIT ☐ 6. RCRA TRANSPORTER
☐ 7. RCRA STORER ☐ 8. RCRA TREATER ☐ 9. RCRA DISPOSER
☐ 10. OTHER (specify):

Incinerator/Boiler Permit
 Local Sewerage Permit
 NPDES Cooling Water Permit

B. IN COMPLIANCE?

- ☒ 1. YES ☐ 2. NO ☐ 3. UNKNOWN

4. WITH RESPECT TO (list regulation name & number):

VIII. PAST REGULATORY ACTIONS

- ☒ A. NONE ☐ B. YES (summarize below)

IX. INSPECTION ACTIVITY (past or on-going)

- ☒ A. NONE ☐ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION

X. REMEDIAL ACTIVITY (past or on-going)

- ☒ A. NONE ☐ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION

NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II) information on the first page of this form.

HAZARDOUS WASTE SITE STATUS

Name & Address

Tenneco chemicals
290 River Road
Garfield, NJ

Site Number

NJ000010072

Staff Responsible

R. RAMON

County

Bergen

Agency Responsible

☒ EPA ☐ State ☐ None

Preliminary Assessment Rating

Date of Assessment

Tentative Disposition

Date of Disposition

Site Inspection Requested

Date of Request

Date of Inspection

Date of Report

☐ Yes ☐ No

Site Inspection Rating

JRB Rating

Sampling Requested

Date of Request

Date of Sampling

Date of Report

☐ Yes ☐ No

Final Strategy Determination -
(based on sampling results)

Date of Determination

Enforcement by EPA

☐ Yes ☐ No

Date of Case Development Plan

Enforcement Team Leader

Technical Staff -

Legal Staff -

S&A Field Staff -

FIT Staff -

Enforcement Case Filed Date

Administrative Order Issued Date